

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 March 2003 (20.03.2003)

PCT

(10) International Publication Number
WO 03/023628 A1

(51) International Patent Classification²: **G06F 13/42**

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(21) International Application Number: **PCT/IB02/03633**

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(22) International Filing Date:
3 September 2002 (03.09.2002)

(81) Designated States (*national*): CN, JP, KR, US.

(25) Filing Language: English

(84) Designated States (*regional*): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR).

(26) Publication Language: English

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(30) Priority Data:
01203427.8 11 September 2001 (11.09.2001) EP

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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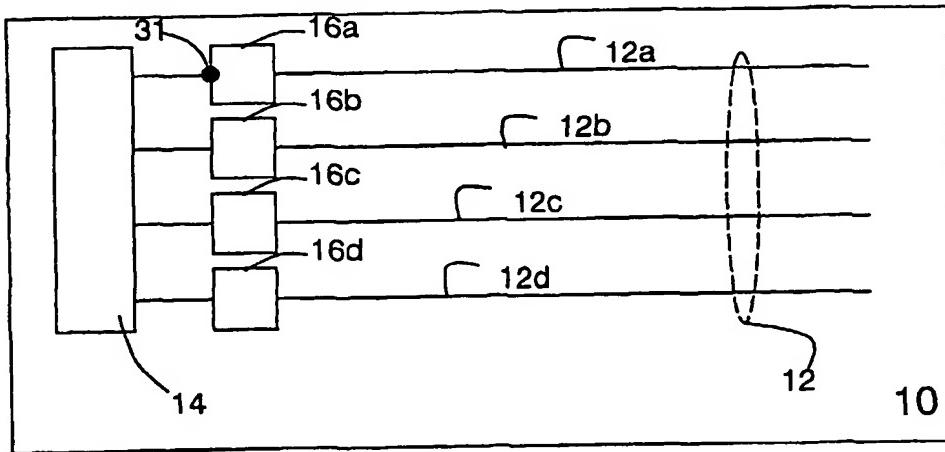
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(54) Title: ELECTRIC DEVICE WITH DATA COMMUNICATION BUS



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(57) **Abstract:** The electronic device (10) has a data communication bus (12) consisting of a plurality of substantially parallel conductors (12a, 12b, 12c, 12d). A control circuit (14) controls the values driven onto the conductors (12a, 12b, 12c, 12d). Transition dependent delay elements (16a, 16b, 16c, 16d) are coupled between the control circuit (14) and the respective conductors (12a, 12b, 12c, 12d) to delay certain transitions on the data communication bus 12. In particular, one of the opposite transitions on neighboring conductors e.g. a first conductor (12a) and a second conductor (12b) is delayed, thus reducing the power required to charge the mutual capacitance between the first conductor (12a) and the second conductor (12b). Consequently, a data communication bus (12) with reduced power consumption is obtained.